

GenCore version 5.1.6	
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Run on: March 8, 2005, 05:37:07 ; Search time 474 Seconds (without alignments)	
File name: 9591.480 Million cell updates/sec	
Title: US-09-939-537-32	
Perfect score: 768	
Sequence: 1 GCTTACGAGGCCAAATCTT.....GGGCTCTGGACGAGGGATCC 768	
Scoring table: IDENTITY_NUC	
Gapop 10.0 , Gapext 1.0	
Scanned: 4390206 seqs, 2959870667 residues	
Total number of hits satisfying chosen parameters: 8780412	
Minimum DB seq length: 0	
Maximum DB seq length: 2000000000	
Minimum DB seq length: 0	
Maximum DB seq length: 2000000000	
Ab224016 Antibody	AB224016
Aat61241 Human ant	Aat61241
Aat62513 Primate	Aat62513
Aat62510 Primate	Aat62510
Aav35485 Macaque P	Aav35485
Aav35489 Macaque P	Aav35489
Aas17247 DNA seque	Aas17247
Aas17243 DNA seque	Aas17243
Aad56527 Monkey 7C	Aad56527
Aav35487 Macaque p	Aav35487
Aas17245 DNA seque	Aas17245
Aad56529 Monkey 7B	Aad56529
Abt32043 Concatame	Abt32043
Abt79903 Human tum	Abt79903
Abx94203 TCAB exp	Abx94203
Ace85693 Variable	Ace85693
Acc78893 Chimeric	Acc78893
Adn49730 Variable	Adn49730
Aac67834 FC-muAGP-	Aac67834
Abx95203 MOG-FC fu	Abx95203
Ad14264 Human imm	Ad14264
Ad146173 Human imm	Ad146173
Abt32042 Concatame	Abt32042
Abq79901 Human tum	Abq79901
Adj57517 Human FVI	Adj57517

ALIGNMENTS

RESULT 1
 AAT10780
 ID AAT10780 standard; DNA; 768 BP.
 XX
 AC AAT10780;
 XX
 DT 26-SEP-1996 (first entry)
 XX
 DE Coding sequence for IgG1 hinge, CH2 and CH3 domains.
 XX
 KW CD7; transmembrane domain; chimeric receptor; CD5; CD34; CH2; CH3; IgG1;
 KW human; CD4; HIV; proteaceous alpha helix; T cell; B cell; neutrophil;
 KW dendritic cell; therapy; mammal; infection;
 KW

No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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result	Query				Description
	No.	Score	Match	Length	
1	768	10.0	768	2	AACT10780
2	766.4	99.8	768	2	AAQ96101
3	744.6	97.0	3143	13	ADR66793
4	744.6	97.0	3143	13	ADR65890
5	738.2	96.1	3075	13	ADR08053
6	701	91.3	3183	13	ADR08303
7	696	90.6	1827	8	ABT32045
8	696	90.6	1827	12	ADQ79907
9	695.2	90.5	7427	12	ADJ57518
10	695.2	90.5	7494	12	ADJ57515
11	695	90.5	1134	8	ABT32048
12	695	90.5	1134	12	ADQ79913
13	695	90.5	1314	8	ABT32047
14	695	90.5	1314	12	ADQ79911
15	695	90.5	1980	8	ABT32046
16	695	90.5	1980	12	ADQ79909
17	694.8	90.5	1104	12	ADP73151
18	694.4	90.4	1335	8	ABT32041
19	694.4	90.4	1335	12	ADQ79899
20	694	90.4	1413	6	AAQ45752

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Db 421 ATCCGGATAGTGGACGACCTAGCTGCTGAAAGCTCTTA 480
 Qy 481 TCCAGGACATGCCGCGGAGCTGGAGAACACTAACAGC 540
 Db 481 TCCAGGACATGCCGCGGAGCTGGAGAACACTAACAGC 540
 Qy 541 CAGGCTCCGGCTGGACTCCAGCAAGCTCACCGTGA 600
 Db 541 CAGCCTCCGGCTGGACTCCAGCAAGCTCACCGTGA 600
 Qy 601 CAAGAGCAAGGTGGAGCAAGGGAACTGGCTGATGGCTCTGA 660
 Db 601 CAAGAGCAAGGTGGAGCAAGGGAACTGGCTGATGGCTCTGA 660
 Qy 661 CAACCACTACACCGAGAGGAACTGGCTGAACTGGAGACCTG 720
 Db 661 CAACCACTACACCGAGAGGAACTGGCTGAACTGGAGACCTG 720
 Qy 721 TGTGAGGCCAGGACGGGAGCTGGCTGGAGACGATCC 768
 Db 721 TGTGAGGCCAGGACGGGAGCTGGCTGGAGACGATCC 768

AC	ADRO8053;	Qy	184	GTTCAACTGGTGGACGGGTGGGAAAGACAATACTCCAAGAACAGCTGGGAGGAA	243
XX		Db	928	GTTCAACTGGTGGACGGGTGGGAAAGACAATACTCCAAGAACAGCTGGGAGGAA	987
DT	04-NOV-2004 (first entry)				
XX	Full length human cDNA useful for treating neurological disease Seq 1559.				
DB					
XX	Gene; ss; human; oligo-capping method; diagnostic marker; gene therapy; osteoporosis; neurological disease; Alzheimer's disease; Parkinson's disease; dementia; short memory; cancer; sense or motor function; emotional reaction; fear response; panic; osteoprotective; neuroprotective; nootropic; antiparkinsonian; tranquilizer; cyostatic; Homo sapiens.				
OS					
XX	EP1447413-A2.				
PN					
XX	18-AUG-2004.				
PD					
XX	12-FEB-2004; 2004BP-000003145.				
PF					
XX	14-FEB-2003; 2003JP-00102207.				
PR					
PR	09-MAY-2003; 2003JP-00131452.				
XX					
PA	(REAS-) RES ASSOC BIOTECHNOLOGY.				
XX	Isogai T, Yamamoto J, Nishikawa T, Isono Y, Sugiyama T, Otsuki T; Wakamatsu A, Ishii S, Nagai K, Irie R; WPI; 2004-593265/57.				
PI					
PI	P-PSDB; ADRI0009.				
XX	New 1995 cDNA, useful for treating osteoporosis, neurological diseases, Alzheimer's diseases, Parkinson's diseases, dementia and various cancers.				
PT					
PT	Claim 1; SEQ ID NO 1559; 2686pp; English.				
PS					
PS	XX				
DR	This invention relates to novel, isolated full length human cDNA molecules and the encoded proteins thereof. Specifically, it refers to cDNA clones obtained by an oligo-capping method, where none of these clones are identical to any known human mRNAs. The present invention describes an immunoassay to identify agents and antagonists, as well as antibodies, antisense molecules and siRNAs that can all be used to bind to and modulate expression of the cDNA molecules. As such, these molecules are useful for diagnostic markers or therapeutic targets for the various diseases or morbid states. In particular, they are useful in gene therapy for treating osteoporosis, neurological disease, Alzheimer's disease, Parkinson's disease, dementia, short memory and various cancers, as well as for maintaining equilibrium of sense or motor function, and for treating emotional reaction, fear response and panic. Accordingly, they exhibit osteoprotective, neuroprotective, nootropic, antiparkinsonian, cyostatic and tranquilizer activities. This polynucleotide is a full length human cDNA sequence of the invention. None: This sequence is not given in the sequence listing of the specification but can be obtained on CD-ROM from the European Patent Office, Vienna Sub-office.		RESULT 6		
DR	XX			ADRO80303	
DR	XX			ID	ADRO80303 standard; cDNA; 3183 BP.
DR	XX			XX	
DR	XX			AC	ADRO80303;
DR	XX			XX	
DR	XX			DT	04-NOV-2004 (first entry)
DR	XX			DB	Full length human cDNA useful for treating neurological disease Seq 1809.
DR	XX			XX	Gene; ss; human; oligo-capping method; diagnostic marker; gene therapy; osteoporosis; neurological disease; Alzheimer's disease; Parkinson's disease; dementia; short memory; cancer; sense or motor function; emotional reaction; fear response; panic; osteoprotective; neuroprotective; nootropic; antiparkinsonian; cyostatic; tranquiliser.
DR	XX			XX	Homo sapiens.
DR	XX			OS	
DR	XX			PN	EP1447413-A2.
DR	XX			PD	18-AUG-2004.
DR	XX			PF	12-FEB-2004; 2004BP-00000145.
DR	XX			PR	14-FEB-2003; 2003JP-00102207.
DR	XX			PR	09-MAY-2003; 2003JP-00131452.
PA	(REAS-) RES ASSOC BIOTECHNOLOGY.				
XX	Query Match 96.1%; Score 738.2; DB 13; Length 3075;				
XX	Best Local Similarity 98.3%; Pred. No. 1.8e-146; Mismatches 0; Indels 0; Gaps 0;				
XX	Matches 746; Conservative 0; Mismatches 13;				
Qy	4 AGGAGGCCAATCTTGACAAACTCACATGCCAACCTGCCCCAGCACCTGAAC				
Db	748 AGTTGAGGCCAATCTTGACAAACTCACATGCCAACCTGCCCCAGCACCTGAAC				
Qy	64 CCTGGGGGACCGTCAGTCCTCCCTCCAAACCAAGGACACCTCATGATCTC				
Db	808 CCTGGGGGACCGTCAGTCCTCCCTCCAAACCAAGGACACCTCATGATCTC				
Qy	124 CGGACCCCTGAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTC				
Db	868 CGGACCCCTGAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTC				

XX	Key	CD5	Location/Qualifiers	11..2106
FH	FT	/tag= a		
FT	FT	/product= "FVII-1gG1 fc domain"		
FT	FT	/transl_except= (pos:1211..1213, aa: Lys)		
XX	XX	WO2004006962-A2.		
PN	PN	22-JAN-2004.		
PD	PD	09-JUL-2003; 2003WO-DK000481.		
XX	XX	12-JUL-2002; 2002DK-00001099.		
XX	XX	(NOVO) NOVO NORDISK AS.		
XX	XX	Bjorn SE, Nicolaisen EM, Steenstrup TD;		
PT	PT	WPI; 2004-180224/17.		
DR	DR	P-PSDB; AB57511.		
XX	XX	New compound binding to tissue factor, useful for treating diseases such as angiogenesis, ischemia/reperfusion, and rheumatoid arthritis.		
PS	PS	Disclosure: SEQ ID NO 10; 61pp; English.		
XX	XX	The invention relates to a compound (I) binding to tissue factor (TF).		
CC	CC	The compound (I) has the formula A-(IM)-C, where A is a FVIIa polypeptide, IM is an optional linker group, C comprises an immunostimulatory effector domain, and (I) binds to TF. (I) inhibits TF-mediated activated factor VII (FVIIa) activity. (I) is useful as a medicament, and for the manufacture of a medicament for preventing or treating disease or disorder associated with pathophysiological TF activity. The disease or disorder associated with pathophysiological TF activity are deep venous thrombosis, arterial thrombosis, post surgical thrombosis, coronary artery bypass graft (CABG), percutaneous transdermal coronary angioplasty (PTCA), stroke, cancer, tumor metastasis, angiogenesis, ischemia/reperfusion, rheumatoid arthritis, thrombolytic, arteriosclerosis and restenosis following angioplasty, acute and chronic indications such as inflammation, septic shock, septicemia, hypotension, adult respiratory distress syndrome (ARDS), disseminated intravascular coagulopathy (DIC), pulmonary embolism, platelet deposition, myocardial infarction, or prophylactic treatment of mammals with atherosclerotic vessels at risk for thrombosis. The present sequence represents the nucleotide sequence of a vector comprising the cDNA encoding the native human coagulation Factor VII with alternative spliced propetide conjugated to Fc domain of immunoglobulin G1 (IgG1).		
CC	CC	Sequence 7494 BP; 1694 A; 2063 C; 2013 G; 1724 T; 0 U; 0 Other;		
XX	XX	Score 90.5%; Score 695.2%; DB 12; Length 7494;		
SQ	Query Match	Best Local Similarity 98.2%; Pred. No. 1..8e-137;		
	Matches 703; Conservative 0; Mismatches 13; Indels 0; Gaps 0;			
Qy	5	GGAGAGCCAAATCTTGTGACA AAACTCACATGCCAACATGCCAGCCTGAACTC 64		
Db	1415	GGAGAGCCAAATCTTGTGACA AAAACTCACATGCCAACATGCCAGCCTGAACTC 1474		
Qy	65	CTGGGGGAAACGGTCAGTCATGCCAGCTTCTTCCCAAACCCAGAACCTCATGTC 124		
Db	1475	CTGGGGGAAACGGTCAGTCATGCCAGCTTCTTCCCAAACCCAGAACCTCATGTC 1534		
Qy	125	CGAACCCCTGAGTCATGCCAGCTTCTTCCCAAACCCAGAACCTCATGTC 184		
Db	1535	CGAACCCCTGAGTCATGCCAGCTTCTTCCCAAACCCAGAACCTCATGTC 1594		
Qy	185	TTCACCTGTACTGGACGGCTGGAGTCATATGCCAGAACCCGGGGAGAG 244		
Db	1595	TTCACCTGTACTGGACGGCTGGAGTCATATGCCAGAACCCGGGGAGAG 1654		
CC	CC	245 CAGTACACAGCAGCTGATCGGGGGTCACTGGCTGTCCTCACGGCTGCAAGAACCTGGCTG 304		
CC	CC	The invention relates to a novel concatameric protein comprising two biologically active protein domains, in which an N-terminal domain of a soluble domain, in which an N-terminal domain of a C-terminal domain, is linked to a C-terminal domain of an identical		
PT	PT	New concatameric protein having two soluble domains, useful for diagnosing and treating disorders associated with the dimeric protein or its glycosylated form, such as inflammation, septicemia, rheumatoid arthritis and cachexia.		
PT	PT	Disclosure; Page 160-162; 211pp; English.		

PD	31-JAN-2004.	Qy	545 CCTCCCGTGTGGACTCCGAGGGCTCCAGCTTCTTCCCTTACAGCAAGTCACCGTGGACAAG 604
XX	26-JUL-2002; 2002KR-00045921.	Db	1153 CCTCCCGTGTGGACTCCAGGGCTCCAGCTTCTTCCCTTACAGCAAGTCACCGTGGACAAG 1212
PP	26-JUL-2002; 2002KR-00045921.	Qy	605 AGCAGGGGCAAGGGAAAGCTCTCATGCTCCGTGATGCCATAGGGCTCTGCACAA 664
XX	(MEDB-) MEDEXGEN INC.	Db	1213 AGCAGGGGCAAGGGAAAGCTCTCATGCTCCGTGATGCCATAGGGCTCTGCACAA 1272
PA		Qy	665 CACTACAGCGAGAAGGCGCTCCCTGTCGGGG 699
XX	PI Choi BY, Han JU, Jung YH, Kim JM, Lee HJ;	Db	1273 CACTACAGCGAGAAGGCGCTCCCTGTCGGGG 1307
WPI;	DR 2004-458871/43.		
P-PSDB;	DR ADQ79912.		
XX	PT Concatameric immunoadhesin.		
XX	Example 2: SEQ ID NO 13; 129pp; Korean.		
PS		RESULT 15	
XX		ID ABT32046 standard; DNA; 1980 BP.	
CC		AC ABT32046;	
CC		XX DT 08-MAY-2003 (first entry)	
CC		XX DB Concatameric immunoadhesin human DNA sequence SEQ ID NO 11.	
CC		XX KW Antiinflammatory; antibacterial; immunosuppressive; antirheumatic;	
CC		XX KW antiarthritic; immunomodulator; concatameric protein; soluble domain;	
CC		XX KW dimeric protein; inflammation; septicemia; cytotoxicity;	
CC		XX KW rheumatoid arthritis; cachexia; inflammation; human; gene; ds.	
CC		XX Homo sapiens.	
CC		XX OS WO2003010202-A1.	
CC		XX PN WO2003010202-A1.	
CC		XX PD 06-FBB-2003.	
CC		XX PF 26-JUL-2002; 2002WO-KR001427.	
CC		XX PR 26-JUL-2001; 2001KR-00045028.	
CC		XX PA (MEDEXGEN CO LTD.	
CC		XX PI Chung Y, Han J, Lee H, Choi B, Kim J;	
CC		XX DR WPI; 2003-229639/22.	
CC		XX DR P-PSDB; ABJ37103.	
CC		XX PS Claim 29; Page 144-148; 211pp; English.	
CC		XX PT New concatameric protein having two soluble domains, useful for	
CC		XX PT diagnosing and treating disorders associated with the dimeric protein or	
CC		XX PT its glycosylated form, such as inflammation, septicemia, rheumatoid	
CC		XX PT arthritis and cachexia.	
CC		XX PS Claim 29; Page 144-148; 211pp; English.	
CC		XX PT The invention relates to a novel concatameric protein comprising two	
CC		CC soluble domains, in which an N-terminus of a soluble domain of a	
CC		CC biologically active protein is linked to a C-terminus of an identical	
CC		CC soluble domain or a different soluble domain of a biologically active	
CC		CC protein. The methods and compositions of the present invention are useful	
CC		CC for the diagnosis and treatment of disorders associated with dimeric	
CC		CC protein or its glycosylated form, such as inflammation, septicemia,	
CC		CC cytotoxicity, rheumatoid arthritis, cachexia and other inflammation-	
CC		CC related diseases. This polynucleotide sequence represents the DNA	
CC		CC encoding a human concatameric protein of the invention	
CC		XX SQ Sequence 1980 BP; 443 A; 658 C; 554 G; 325 T; 0 U; 0 Other;	
CC		XX Query Match 90.5%; Score 695; DB 8; Length 1980;	
CC		CC Best Local Similarity 100.0%; Pred. No. 1.7e-137;	
CC		CC Matches 695; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
CC		CC Query 5 GCAGAGCCAAATCTGTGACAAACTCACATGCCCACCTGAACTC	
CC		DB 1279 GCAGAGCCAAATCTGTGACAAACTCACATGCCCACCTGAACTC 1338	

Qy	65	CTGGGGGACCGTCAGTCTTCCCTCTTCCCCAAAACCCAAAGAACCCCTCATGATCTCC	124
Db	1339	CTGGGGGACCGTCAGTCTTCCCTCTTCCCCAAAACCCAAAGAACCCCTCATGATCTCC	1398
Qy	125	CGGACCCCTGAGTCATGCGTGGTGGACGTGAGCCAGAACCCGTAGGTCAAG	184
Db	1399	CGGACCCCTGAGTCATGCGTGGTGGACGTGAGCCAGAACCCGTAGGTCAAG	1458
Qy	185	TTCACACTGGTAGCTGGACGGCCTGGAGGTGCAATTGCAAAGAACAGCCGGAGAG	244
Db	1459	TTCACACTGGTAGCTGGACGGCCTGGAGGTGCAATTGCAAAGAACAGCCGGAGAG	1518
Qy	245	CAGTACACAGCAGCTGGACGGTGGACGGCCTTACGGTCTGACCGGACTGGTG	304
Db	1519	CAGTACACAGCAGCTGGACGGCCTTACGGTCTGACCGGACTGGTG	1578
Qy	305	AATGGCAAGGGACTACAGTCAGGCTTCCAAAGAACAGCCCATTCGAGAAA	364
Db	1579	AATGGCAAGGGACTACAGTCAGGCTTCCAAAGAACAGCCCATTCGAGAAA	1638
Qy	365	ACCATCTCCAAGGCCAACGGCGCCGGAGAACACAGGTGACACCTGCCCCATCC	424
Db	1639	ACCATCTCCAAGGCCAACGGCGCCGGAGAACACAGGTGACACCTGCCCCATCC	1698
Qy	425	CGGGATCTAGCTGACCAAGAACCCGGTGGCCCTGACCTCTGCTGAAAGGTCTCATTC	484
Db	1699	CGGGATCTAGCTGACCAAGAACCCGGTGGCCCTGACCTCTGCTGAAAGGTCTCATTC	1758
Qy	485	AGCGAACATCGCGTGGAGTGGGAGAACATGGCAGGGAGAACACTAACAGCCACG	544
Db	1759	AGCGAACATCGCGTGGAGTGGGAGAACATGGCAGGGAGAACACTAACAGCCACG	1818
Qy	545	CCTCCCGTGTGAGTCAGCTGGCGCTCCCTCTCATGCTCCGTGATGAGGCTCTGCACAC	604
Db	1819	CCTCCCGTGTGAGTCAGCTGGCGCTCCCTCTCATGCTCCGTGATGAGGCTCTGCACAC	1878
Qy	605	ACCGAGTGGCAGCAGGGAAACGGCTCTCATGCTCCGTGATGAGGCTCTGCACAC	664
Db	1879	ACCGAGTGGCAGCAGGGAAACGGCTCTCATGCTCCGTGATGAGGCTCTGCACAC	1938
Qy	665	CACTACCGCAGAAGAACGCTCCCTCTCCGGG	699
Db	1939	CACTACCGCAGAAGAACGCTCCCTCTCCGGG	1973

Search completed: March 8, 2005, 07:08:24
Search time: 478 secs

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